

WEST Search History

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DATE: Monday, January 05, 2004

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<i>DB=PGPB,USPT,USOC; PLUR=YES; OP=ADJ</i>		
<input type="checkbox"/>	L16 L7 and (textual and edit\$)	31
<input type="checkbox"/>	L15 L14 and (textual or edit\$)	22
<input type="checkbox"/>	L14 L4 and I7	32
<input type="checkbox"/>	L13 L4 and I6	8
<input type="checkbox"/>	L12 L4 and I5	210
<i>DB=TDBD; PLUR=YES; OP=ADJ</i>		
<input type="checkbox"/>	L11 L9	24
<i>DB=EPAB; PLUR=YES; OP=ADJ</i>		
<input type="checkbox"/>	L10 L9	6
<i>DB=EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=ADJ</i>		
<input type="checkbox"/>	L9 L5	446
<input type="checkbox"/>	L8 L7	1
<i>DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=ADJ</i>		
<input type="checkbox"/>	L7 L5 and (XML or markup language)	222
<input type="checkbox"/>	L6 L5 and XML	119
<input type="checkbox"/>	L5 (flowchart\$ or flow?chart) near2 program\$	7766
<i>DB=PGPB,USPT,USOC; PLUR=YES; OP=ADJ</i>		
<input type="checkbox"/>	L4 L3 or I2 or I1	12115
<input type="checkbox"/>	L3 715/502-510,512-529,531,538-541,900-902,906-911.ccls.	4160
<input type="checkbox"/>	L2 707/101-102,103R,103Y,103X,103Z,104.1.ccls.	5748
<input type="checkbox"/>	L1 717/104-119,125,131-144,154-157.ccls.	2821

END OF SEARCH HISTORY

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Search Results - Record(s) 1 through 20 of 22 returned.

☐ 1. Document ID: US 20030188263 A1

L15: Entry 1 of 22

File: PGPB

Oct 2, 2003

PGPUB-DOCUMENT-NUMBER: 20030188263

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030188263 A1

TITLE: MULTI-TARGET LINKS FOR NAVIGATING BETWEEN HYPERTEXT DOCUMENTS AND THE LIKE

PUBLICATION-DATE: October 2, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
BATES, CARY LEE	ROCHESTER	MN	US	
DAY, PAUL REUBEN	ROCHESTER	MN	US	

US-CL-CURRENT: [715/513](#)

ABSTRACT:

An apparatus, program product, and method utilize a multi-target link to selectively access data located at one or more of a plurality of storage locations associated with the link. Thus, when a user activates a particular multi-target link, a request may be forwarded to different storage locations in different circumstances to optimize utilization of the link, rather than the request being forwarded to the same single storage location as occurs with conventional hypertext links and bookmarks. A multi-target link may be implemented as a hypertext link defined by a hypertext link definition embedded in a hypertext document, or as a bookmark for use in a custom bookmark list for a user. Moreover, various types of data, including hypertext documents, files, and the like, may be accessed from one or more of the storage locations for a multi-target link.

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw Desc	In
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☐ 2. Document ID: US 20030135476 A1

L15: Entry 2 of 22

File: PGPB

Jul 17, 2003

PGPUB-DOCUMENT-NUMBER: 20030135476

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030135476 A1

TITLE: Flexible and dynamic policies for assessment execution

PUBLICATION-DATE: July 17, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Holland, Paul Edward	Fort Collins	CO	US	
McDowell, Mark William	Fort Collins	CO	US	
Le, Vu Anh Minh	Fort Collins	CO	US	
Dineen, Paul Laurence	Fort Collins	CO	US	

US-CL-CURRENT: 706/47; 715/513

ABSTRACT:

A computer implemented method, software, and system that provides for a flexible definition of an assessment task including data services by providing a policy that defines a sequence of one or more data services, and associating an assessment task with the policy. An assessment framework executes the assessment task by performing the sequence of one of more data services defined in the policy. The policy is stored in a policy database and the assessment type is stored in an analyzer database and/or an audit request database.

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw Desc	In
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☐ 3. Document ID: US 20030009496 A1

L15: Entry 3 of 22

File: PGPB

Jan 9, 2003

PGPUB-DOCUMENT-NUMBER: 20030009496

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030009496 A1

TITLE: Bookmarks for world wide web documents with indicators of the hit rates for the web documents from the web sites sending the documents

PUBLICATION-DATE: January 9, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
McBrearty, Gerald Francis	Austin	TX	US	
Mullen, Shawn Patrick	Buda	TX	US	
Shieh, Johnny Meng-Han	Austin	TX	US	

US-CL-CURRENT: 715/501.1; 715/513

ABSTRACT:

Activity rate information of the Web site providing the Web document at the particular time of day of the proposed request is presented to a user requesting a Web document at a receiving Web station so that the user may choose to request the Web document at a

different time if there is an indication of high activity at the Web site which may cause a delay. Such activity rate information is presented as an indicator associated with a bookmark to the document of the proposed request. The rates of the numbers of specific Web documents transmitted from a source, i.e. hits during daily time cycles are tracked and indicators of said rates of transmission of said documents are displayed along with the respective bookmarks at the time that the selectable bookmarks are displayed.

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw Desc	In
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☐ 4. Document ID: US 20030009472 A1

L15: Entry 4 of 22

File: PGPB

Jan 9, 2003

PGPUB-DOCUMENT-NUMBER: 20030009472

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030009472 A1

TITLE: Method related to structured metadata

PUBLICATION-DATE: January 9, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Azami, Tomohiro	Yokosuka-shi		JP	
Ando, Ichiro	Yokosuka-shi		JP	

US-CL-CURRENT: 707/101

ABSTRACT:

A first unit includes a first metadata store portion and a connection destination information store portion. The first metadata store portion contains first structured metadata. The connection destination information store portion contains connection position information and reference information. The connection position information represents a connection point in the first structured metadata to which second structured metadata should be connected. The reference information relates to the second structured metadata and includes information relating to a place where the second structured metadata exist. A second unit includes a second metadata store portion containing the second structured metadata. The first structured metadata and the second structured metadata are integrated into third structured metadata of a tree structure in response to the connection position information and the reference information contained in the connection destination information store portion of the first unit.

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw Desc	In
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☐ 5. Document ID: US 20020129065 A1

L15: Entry 5 of 22

File: PGPB

Sep 12, 2002

PGPUB-DOCUMENT-NUMBER: 20020129065

PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20020129065 A1

TITLE: Markup language edit method, record medium recording browser, and print system

PUBLICATION-DATE: September 12, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Shiohara, Ryuichi	Nagano		JP	

US-CL-CURRENT: 715/513

ABSTRACT:

To display an HTML document on a display (51), a browser interprets only display tags and ignores print tags. To interpret the tags and display the HTML document, the browser transmits a request for transferring four image files (A1, B1, C1, and D1) to a WWW server (40) and displays the image files on the display (51). When the user clicks on a print button displayed on the display (51) by the browser, the browser interprets tags used for print, transmits a request for transferring four image files (A2, B2, C2, and D2) to the WWW server (40), and prints the four image files on a printer (80).

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw Desc	In
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☐ 6. Document ID: US 20020129051 A1

L15: Entry 6 of 22

File: PGPB

Sep 12, 2002

PGPUB-DOCUMENT-NUMBER: 20020129051
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20020129051 A1

TITLE: Previewing portions of the hypertext World Wide Web documents linked to hyperlinks in received World Wide Web documents

PUBLICATION-DATE: September 12, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Abdelhadi, Sanaa F.	Austin	TX	US	
Rojas, Hypatia	Round Rock	TX	US	

US-CL-CURRENT: 715/501.1; 715/526

ABSTRACT:

System through which a Web user may distinguish those hyperlinks in each received Web document which are of interest to him. At a receiving display station, a user is enabled to select to view only a portion of a hypertext document linked to a hyperlink in any received hypertext document. The user is also permitted to select the size of the portion of the linked document to be viewed. Then, there is provided, preferably in the

browser, an implementation for accessing and storing at the one receiving display station, the selected portion of the linked hypertext document; and for then displaying said stored portion of a linked document to the user. The user may then review this preview portion of the document and decide whether he wishes to see the whole linked Web document.

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw Desc	In
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☐ 7. Document ID: US 20020107884 A1

L15: Entry 7 of 22

File: PGPB

Aug 8, 2002

PGPUB-DOCUMENT-NUMBER: 20020107884

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020107884 A1

TITLE: Prioritizing and visually distinguishing sets of hyperlinks in hypertext world wide web documents in accordance with weights based upon attributes of web documents linked to such hyperlinks

PUBLICATION-DATE: August 8, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Banerjee, Dwip N.	Austin	TX	US	
Dutta, Rabindranath	Austin	TX	US	

US-CL-CURRENT: 715/501.1; 715/526

ABSTRACT:

A system through which the Web user may distinguish the more significant hyperlinks on each received Web document. Advantage is taken of the many Web search engines which already track and assign weights to Web documents based upon frequency of universal access, i.e. "hits". This attribute of Web documents is the most frequently weighted and, of course, used by the search engines when they send their search reports with the Web document listed in the order of frequency of access. Thus, the invention involves the combination of an implement for determining a weight for each of said plurality of embedded hyperlinks in a received Web document and an implementation for prioritizing the plurality of embedded hyperlinks based upon said weights. Then, a set of the plurality of embedded hyperlinks are visually distinguished from each other based upon said prioritizing, whereby said user may select hyperlinks based upon said prioritizing. The implement for distinguishing may include, for example, highlighting such as color differences, brightness or blinking. Also, the priority set may appear as the only activated hyperlinks on the Web page while the other hyperlinks are receded back into the Web page and appear as ordinary text or images.

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw Desc	In
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☐ 8. Document ID: US 20020066072 A1

PGPUB-DOCUMENT-NUMBER: 20020066072
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20020066072 A1

TITLE: Method and computer program for producing a regulator or controller

PUBLICATION-DATE: May 30, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Crevatin, Mario	Winterthur		CH	

US-CL-CURRENT: 717/104; 703/22, 717/106

ABSTRACT:

To produce a controller or regulator (1), a control or regulation process (3) is first designed and simulated on a development system (20). The process source code (25) for a target system (2) arranged in the controller or regulator (1) is then generated, and also a description file (28, 29) in HTML and/or XML format which, among other things, describes the parameters for the controller or regulator (1). Tags which characterize the parameters are used in the description file (28, 29). The description file (28, 29) is then converted, in a web server generator (30), into data and source code (31, 34) for a web server (5) which can run on the target system (2). In this context, the web server generator (30) and/or web server (5) use/uses the tags to insert input and output elements which can be used for setting and reading the respective parameters. The present system can be used for easily producing an interface for controlling the process (3) running on the target (2), which interface can be used by any client computer (7) without special software.

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw. Desc	In
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☐ 9. Document ID: US 20020004804 A1

L15: Entry 9 of 22

File: PGPB

Jan 10, 2002

PGPUB-DOCUMENT-NUMBER: 20020004804
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20020004804 A1

TITLE: Industrial automation system graphical programming language storage and transmission

PUBLICATION-DATE: January 10, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Muenzel, Georg	Plainsboro	NJ	US	

US-CL-CURRENT: 715/513

· ABSTRACT:

Problems associated with handling industrial automation control code created using graphical programming languages, principally the absence of any standard storage format or any user-readable one, are addressed by providing methods and computer program products for storing industrial automation code generated using graphical programming languages in a format that permits human readability, is supported by available viewing technology (e.g., browsers), is easy and fast to parse, and that supports hierarchical information structures. The methods and computer program products according to the invention involve converting a program written in a graphical programming language and stored during execution in computer memory in a non-standardized internal binary representation into a mark-up language format, for example, the extensible mark-up language ("XML"), storing, transmitting, receiving and inspecting the program stored in this manner, and converting the stored program back into the graphical programming language internal representation.

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWOC	Draw Desc	Ir
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☐ 10. Document ID: US 20010016858 A1

L15: Entry 10 of 22

File: PGPB

Aug 23, 2001

PGPUB-DOCUMENT-NUMBER: 20010016858

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20010016858 A1

TITLE: EXPANDED POINTER FOCUS FOR HYPERTEXT LNKS

PUBLICATION-DATE: August 23, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
BATES, CARY LEE	ROCHESTER	MN	US	
DAY, PAUL REUBEN	ROCHESTER	MN	US	

US-CL-CURRENT: 715/513

ABSTRACT:

A computer system, program product and method utilize an input region defined for a hypertext link that is capable of receiving user input for the hypertext link outside of a display region thereof to perform a predetermined operation with the hypertext link. At least a portion of the input region is disposed outside of the display region of the hypertext link. As a result, when a user performs a specific action while a pointer is disposed within the input region of the hypertext link, the predetermined operation (e.g., activating the hypertext link) is performed. In addition, conflicts between multiple user interface controls (e.g., hypertext links) disposed proximate one another may be resolved by defining a secondary operation for a second user interface control that may be activated in response to user input that occurs when a pointer is disposed within an input region defined for a first user interface control.

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWOC	Draw Desc	Ir
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☐ 11. Document ID: US 6643683 B1

L15: Entry 11 of 22

File: USPT

Nov 4, 2003

US-PAT-NO: 6643683

DOCUMENT-IDENTIFIER: US 6643683 B1

TITLE: Interactive client-server environment for performing collaborative timing analysis of circuit designs

DATE-ISSUED: November 4, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Drumm; Anthony DeGroff	Rochester	MN		
Fredrickson; Mark S	Rochester	MN		
Poplawski; Marcus Matthew	Minneapolis	MN		
Wilson; Brian Christopher	Oronoco	MN		

US-CL-CURRENT: 709/203, 703/19, 709/217, 709/218, 709/224, 709/225, 709/235, 716/4, 716/5, 716/6, 717/100, 717/104

ABSTRACT:

An apparatus, program product and method utilize an interactive request server program to interface a plurality of client computers with a timing analysis program. The interactive request server program receives client requests from the plurality of client computers over a network, and, in response to each client request, accesses the timing analysis program to retrieve timing data based upon such client request and thereafter forwards the timing data to the client computer making such request. The interactive request server program may optionally be implemented using a web server program and an application server program, with the web server program interfacing with the client computers via an Internet-type interface, and the application server program interfacing with the timing analysis program using a programmatic interface supported by the timing analysis program. The web server, program and the application server program interface with one another through the use of scripts, which are executed by the web server in response to client requests, and which generate one or more commands that are issued to the application server program to control the timing analysis program via the programmatic interface.

31 Claims, 9 Drawing figures

Exemplary Claim Number: 1

Number of Drawing Sheets: 7

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWIC	Draw. Desc	Ir
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☐ 12. Document ID: US 6585776 B1

L15: Entry 12 of 22

File: USPT

Jul 1, 2003

US-PAT-NO: 6585776

DOCUMENT-IDENTIFIER: US 6585776 B1

TITLE: Computer system and method of displaying hypertext documents with internal hypertext link definitions

DATE-ISSUED: July 1, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Bates; Cary L.	Rochester	MN		
Day; Paul R.	Rochester	MN		

US-CL-CURRENT: 715/501.1; 715/513, 715/514

ABSTRACT:

A computer system and method display internal and external hypertext link definitions in different representations to simplify a user's recognition of the external/internal status of each hypertext link definition in a document. Additional information, such as the direction from an internal hypertext link definition to the location in the document pointed to by that definition, and/or the absolute or relative position of the location pointed to by an internal hypertext link definition, may also be displayed. Moreover, a computer system and method may also display the position of the location pointed to by an internal hypertext link definition on a scroll bar such that location information about a particular document is centralized within a common user interface component.

67 Claims, 15 Drawing figures

Exemplary Claim Number: 1

Number of Drawing Sheets: 7

Full	Title	Citation	Front	Review	Classification	Date	Reference	Abstract	Claims	Drawings	Claims	KWIC	Draw. Desc	Ir
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☐ 13. Document ID: US 6557015 B1

L15: Entry 13 of 22

File: USPT

Apr 29, 2003

US-PAT-NO: 6557015

DOCUMENT-IDENTIFIER: US 6557015 B1

TITLE: Determining whether a second hypertext document is included in a list of active document trails

DATE-ISSUED: April 29, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Bates; Cary Lee	Rochester	MN		
Day; Paul Reuben	Rochester	MN		

US-CL-CURRENT: 715/501.1; 715/513

ABSTRACT:

An apparatus, program product, and method utilize a "document trail" to facilitate the location of other documents reachable from a given hypertext document. The document trail includes a plurality of identifiers that respectively identify a plurality of interlinked hypertext documents and permit a user to navigate from a origination hypertext document to a destination hypertext document simply by following the trail of interlinked hypertext documents to the destination hypertext document.

25 Claims, 13 Drawing figures
Exemplary Claim Number: 1
Number of Drawing Sheets: 7

Full	Title	Citation	Front	Review	Classification	Date	Reference	Abstract	Claims	KWIC	Draw Desc	Ir
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☐ 14. Document ID: US 6457010 B1

L15: Entry 14 of 22

File: USPT

Sep 24, 2002

US-PAT-NO: 6457010
DOCUMENT-IDENTIFIER: US 6457010 B1

TITLE: Client-server based subscriber characterization system

DATE-ISSUED: September 24, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Eldering; Charles A.	Doylestown	PA		
Sylla; M. Lamine	New Britain	PA		

US-CL-CURRENT: 707/10; 705/14, 707/102, 725/14

ABSTRACT:

A subscriber characterization system is presented in which the subscriber's requests are transmitted to a server which fulfills those requests and performs monitoring of the subscriber requests for subsequent characterization of the subscriber. Monitoring includes maintaining records of the time duration programming is watched, the volume at which the programming is listened to, and any available information regarding the type of programming, including category and sub-category of the programming. The characterization system works across a network to extract textual information related to the programming from closed captioning data, electronic program guides, or other text sources associated with the programming. The extracted information is used to form program characteristics vectors. The programming characteristics vectors can be used in combination with the subscriber selection data to form a subscriber profile. Heuristic rules indicating the relationships between programming choices and demographics can be applied to generate additional probabilistic information regarding demographics and programming and product interests. The probabilistic information can be accessed at the server by other entities on the network.

48 Claims, 25 Drawing figures
Exemplary Claim Number: 1
Number of Drawing Sheets: 21

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWMC	Draw. Desc	In
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☐ 15. Document ID: US 6434565 B1

L15: Entry 15 of 22

File: USPT

Aug 13, 2002

US-PAT-NO: 6434565

DOCUMENT-IDENTIFIER: US 6434565 B1

TITLE: Network transmission of pages in linkable markup language to receiving display stations with functions in currently displayed pages controlled by tags in succeeding pages

DATE-ISSUED: August 13, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Berstis; Viktors	Austin	TX		
Dmitrovich; Janet	Round Rock	TX		

US-CL-CURRENT: 707/101; 707/10, 707/100, 707/102

ABSTRACT:

Progressions between current and succeeding World Wide Web (Web) pages are provided which are user friendly and may be easily variable by both designers and users of Web pages in computer managed communication networks such as the Web. There are provided control tags, in a transmitted page selected to succeed a currently displayed page, for controlling display functions in said currently displayed page in combination with means responsive to these control tags for implementing said display functions. In the implementation, control tags in the current page are selectively activatable in response to control tags in the succeeding page. In accordance with a preferred aspect of the invention, the current page further includes data for selectively determining whether the current page is controllable by said succeeding page. This data may be a list of URLs (Uniform Resource Linkages) of succeeding pages only by which the current page may be controlled. Conversely, the succeeding page may be set up to include this data for selectively determining whether said current page is controllable by said succeeding page. Aspects of the effective and desirable progressions described above may be implemented through at least one activatable control tag in said current page controlling a display function for a desirable manipulated progression from said current page to said succeeding page.

18 Claims, 4 Drawing figures

Exemplary Claim Number: 1

Number of Drawing Sheets: 4

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWMC	Draw. Desc	In
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☐ 16. Document ID: US 6374272 B1

L15: Entry 16 of 22

File: USPT

Apr 16, 2002

US-PAT-NO: 6374272
DOCUMENT-IDENTIFIER: US 6374272 B1
** See image for Certificate of Correction **

TITLE: Selecting overlapping hypertext links with different mouse buttons from the same position on the screen

DATE-ISSUED: April 16, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Bates; Cary Lee	Rochester	MN		
Day; Paul Reuben	Rochester	MN		

US-CL-CURRENT: 715/513; 345/156, 345/157, 345/163, 345/164

ABSTRACT:

A computer system, program product and method utilize an input region defined for a hypertext link that is capable of receiving user input for the hypertext link outside of a display region thereof to perform a predetermined operation with the hypertext link. At least a portion of the input region is disposed outside of the display region of the hypertext link, thereby expanding the hot spot. As a result, when a user performs a specific action while a pointer is disposed within the input region of the hypertext link, the predetermined operation (e.g., activating the hypertext link) is performed. In addition, conflicts between multiple user interface controls (e.g., hypertext links) disposed proximate one another may be resolved by defining a secondary operation for a second user interface control that may be activated in response to user input that occurs when a pointer is disposed within an input region defined for a first user interface control.

20 Claims, 13 Drawing figures
Exemplary Claim Number: 1
Number of Drawing Sheets: 7

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	RMIC	Draw. Desc	In
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☐ 17. Document ID: US 6314439 B1

L15: Entry 17 of 22

File: USPT

Nov 6, 2001

US-PAT-NO: 6314439
DOCUMENT-IDENTIFIER: US 6314439 B1

TITLE: Computer system, program product and method of creating aliases and accessing storage locations in a computer system with same

DATE-ISSUED: November 6, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Bates; Cary Lee	Rochester	MN		

US-CL-CURRENT: 715/513

ABSTRACT:

A computer system, program product and method implement enhancements to the functionality and power of aliases in accessing documents stored in a computer system. An alias may be automatically or manually generated and/or later refreshed based upon content data retrieved from a document that is stored at a predetermined storage location. An alias generated based upon such content data may also be displayed on the computer system. The content data is retrieved in conjunction with the retrieval of a portion of the document, and is defined to exclude the title data for a document. In addition, multiple aliases may be associated with a predetermined storage location. The multiple aliases may be selectively displayed in lieu of one another on a computer system, with the display of a second alias replacing the display of a first alias. Furthermore, the multiple aliases may be stored with one another in an alias group data structure that includes a single location identifier associated with each of the aliases.

21 Claims, 15 Drawing figures

Exemplary Claim Number: 1

Number of Drawing Sheets: 7

Full	Title	Citation	Front	Review	Classification	Date	Reference	Abstract	Claims	Keywords	Draw Desc	In
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☐ 18. Document ID: US 6304259 B1

L15: Entry 18 of 22

File: USPT

Oct 16, 2001

US-PAT-NO: 6304259

DOCUMENT-IDENTIFIER: US 6304259 B1

**** See image for Certificate of Correction ****

TITLE: Computer system, method and user interface components for abstracting and accessing a body of knowledge

DATE-ISSUED: October 16, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
DeStefano; George Francis	Rochester	MN		

US-CL-CURRENT: 345/805; 345/764, 345/967, 345/968, 706/50, 706/55, 707/101

ABSTRACT:

A computer system and method implement a number of unique user interface mechanisms to visually link information presented to a user and thereby facilitate user comprehension of the contextual relationship of such information. Information may be visually linked by displaying a connector element that extends between first and second windows displayed on a computer display. In addition, information may be visually linked by applying one or more filter criteria to information elements and displaying the results. For example, first and second filter criteria may be applied to a plurality of

information elements, with at least portions of the resulting sets of filtered information elements displayed concurrently. As another example, a filter criteria may be applied to an information element, with the filtered and unfiltered representations of the information element displayed concurrently. Information may also be visually linked through a coordinated scrolling relationship where portions of first and second sets of filtered information elements are concurrently displayed in separate windows, with the displayed portions in each window tracked with one another to display a particular location in a body of knowledge. Also, information may be visually linked by highlighting one of a pair of information element representations in response to selection of the other information element representation when such information element representations are associated with a common concept.

25 Claims, 41 Drawing figures
Exemplary Claim Number: 1
Number of Drawing Sheets: 22

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	RMWC	Draw Desc	In
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☐ 19. Document ID: US 6108675 A

L15: Entry 19 of 22

File: USPT

Aug 22, 2000

US-PAT-NO: 6108675
DOCUMENT-IDENTIFIER: US 6108675 A

TITLE: Positioning of transmitted document pages in receiving display station windows for maximum visibility of information on pages

DATE-ISSUED: August 22, 2000

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Gregg; Leon Edward	Rochester	MN		
Jaaskelainen, Jr.; William	Austin	TX		

US-CL-CURRENT: 715/519; 345/703, 345/760, 345/788, 382/295

ABSTRACT:

A data processor controlled user interactive display system for displaying hypertext documents, each including a sequence of display screen pages including text and image information received over a communications network such as the World Wide Web by first determining the more significant page edge based upon the horizontal direction in which the natural language of the text is read. Visual information density at a sequence of horizontal positions in a medial direction with respect to said significant page edge is then sampled, and each sequential sample of said visual information is compared to a selected density level. As a result of this comparison, the visual information in the window is positioned with respect to a reference margin determined by a sample of said visual information attaining said selected density level.

29 Claims, 8 Drawing figures
Exemplary Claim Number: 1
Number of Drawing Sheets: 8

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWIC	Draw Desc	In
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☐ 20. Document ID: US 6105036 A

L15: Entry 20 of 22

File: USPT

Aug 15, 2000

US-PAT-NO: 6105036

DOCUMENT-IDENTIFIER: US 6105036 A

TITLE: Computer system and method of displaying a source code file with an ordered arrangement of object definitions

DATE-ISSUED: August 15, 2000

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Henckel; Jonathan David	Zumbro Falls	MN		

US-CL-CURRENT: 707/104.1; 345/419

ABSTRACT:

A computer system and method of displaying a source code file with an ordered arrangement of object definitions of multimedia objects selectively display the object definitions in either textual or multimedia representations in response to user input. The representations are inlined within the ordered arrangement of object definitions such that a visual indication of the arrangement of such object definitions in the source code file is maintained. In addition, sets of data are selectively displayed in inlined shorthand notations within the ordered arrangement to permit a user to selectively minimize the representation of a set in a source code file, or to expand the representation of the set for viewing or editing of the specific data in the set.

38 Claims, 23 Drawing figures

Exemplary Claim Number: 1

Number of Drawing Sheets: 10

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWIC	Draw Desc	In
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Terms	Documents
L14 and (textual or edit\$)	22

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